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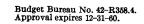




(SUBMIT IN TRIPLICATE)

and Office	
ease No.	
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NOTICE OF INTENTION TO DRILL		su	BSEQUENT I	REPORT OF W	ATER SHUT-O	F		_
NOTICE OF INTENTION TO CHANGE PLANS		A				CIDIZING		
NOTICE OF INTENTION TO TEST WA	TER SHUT-OFF	su	BSEQUENT F	REPORT OF AL	TERING CASI	NG		_
NOTICE OF INTENTION TO RE-DRIL	L OR REPAIR WELL	su	BSEQUENT F	REPORT OF RI	-DRILLING O	R REPAIR		
NOTICE OF INTENTION TO SHOOT	OR ACIDIZE	su	BSEQUENT I	REPORT OF AI	BANDONMENT.			_
NOTICE OF INTENTION TO PULL OR	ALTER CASING	su	PPLEMENTA	RY WELL HIST	ORY	·		_
NOTICE OF INTENTION TO ABANDO	N WELL							-
(INDIC	CATE ABOVE BY CHECK MARI	K NATURE	OF REPORT,	NOTICE, OR C	THER DATA)	<u></u>	<u></u>	]
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Form 9-331 a (Feb. 1951)

## UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

Land Office
ease No.
Jnit

NOTICE OF INTENTION TO DRILL  NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF WATER SHUT-OFF. SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING. SUBSEQUENT REPORT OF ALTERING CASING. SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR. SUBSEQUENT REPORT OF ABANDONMENT. SUPPLEMENTARY WELL HISTORY.
(INDICATE ABOVE BY CHECK MARK NA	TURE OF REPORT, NOTICE, OR OTHER DATA)
Federal-Miller  Well No. 1 is located 660 ft. from	November 11, 1957 ${N \choose N}$ line and 660 ft. from ${E \choose N}$ line of sec. 8
	ubdivision) (State or Territory)
DETAILS	S OF WORK
State names of and expected depths to objective sands; show sizes, ing points, and all othe	weights, and lengths of proposed casings; indicate mudding jobs, cement- or important proposed work)
to an approximate depth of 6500° of the Pennsylvanian strata to the Tentative plans are to set a lor 1200°-1500° of 10 3/4° 6sg. dependence of the comments of	drill a well at the above location to test the oil and gas possibilithe top of the Paradox Salteng surface string of from ending on trouble encountered in the crial shows are encountered a 5 1/ Spud date is estimated as 11-28-57

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company	Continental Oil Co.	
	Box 1121	$\mathcal{O}_{\cdot}$
	Durango	By a. W. Herry
~~~~~	Colorado	Title Division Geologist

eas	F	edera	1-M1	ller	Marin Marin (Marin )		Well	No. 1
ec.	8		<b>T</b> . 3	88 <b>S</b>	<b>R.</b>	22 E	s.	L.E.M.
oca	tion			rom no being				et from
lev	e tion	. 541	35 GL					
1		: 541 uan Co				Utah		
1						Utah		660. 640
1	an J					Utah		660

SECTION 8

Scale-4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

STEPHEN H. KINNEY
Registered Professional
Engineer and Land Surveyor

Surveyed November 8 , 19 5

Seni:

November 13, 1957

Continental Oil Company P. O. Box 1121 Durango, Colorado

Attention: L. W. Heiny, Division Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Federal-Miller 1, which is to be located 660 feet from the north line and 660 feet from the east line of Section 8, Township 38 South, Range 22 East, SLRM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

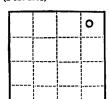
CLEON B. FEIGHT SECRETARY

CBF: en

cc: Phil McGrath USGS, Farmington, New Mexico

DR-USGS

Form 9-331 a (Feb. 1951)



### (SUBMIT IN TRIPLICATE)

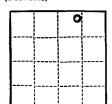
# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office
Lease No. SL-067703
Unit

SUNDRY NOTICES AI	ND REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	
	SUBSEQUENT REPORT OF ABANDONMENT.
	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	SUFFLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.	
(INDICATE ABOVE BY CHECK MARK N	NATURE OF REPORT, NOTICE, OR OTHER DATA)
77 - James 7 - M. 4.3. 3	December 12, , 1957
Federal Miller	<b>4.</b> 1
Well No. is located 660 ft. from	${N \choose K}$ line and 660 ft. from ${E \choose W}$ line of sec. 8
NW 1/4 39S (½ Sec. and Sec. No.) (Twp.) (1	22E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (1	Range) (Meridian)
Wildcat San Juan C	ounty Utah
(Field) (County or	Subdivision) (State or Territory)
ground. The elevation of the dernok floor above sea leve	el is 5485. ft.
DETAIL	S OF WORK
(State names of and expected depths to objective sands; show size	s, weights, and lengths of proposed casings; indicate mudding jobs, cement- her important proposed work)
Drilled 13 3/4" hole to 1980'. 40.5# csg @ 1124' with 600 sack circulate. Ran Haliburton line Cemented top w/30 sacks of regul drill out from under surface.	s regular. Cement would not and found cement @ 1641.
I understand that this plan of work must receive approval in v	writing by the Geological Survey before operations may be commenced.
Company Continental Oil Co.	
Address Box 1121	$\sim \rho \sim \rho$
Durango	By Charles D. Lee, Jr.
Colorado	Title Geologist

W

ccs: Reynolds, 3 States, Sinkbeil.



### (SUBMIT IN TRIPLICATE)

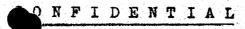
# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Budget Bureau No. 42-R358. Approval expires 12-31-60.

Land Office					
Lease No					
Unit	-1	-			

H 1-7-58

SUNI	DRY NOTICES	S ANI	D REPORTS	ON WELLS	
NOTICE OF INTENTION TO	DRILL		SUBSEQUENT REPORT OF	WATER SHUT-OFF	
NOTICE OF INTENTION TO	CHANGE PLANS			SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO	TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF	ALTERING CASING	
NOTICE OF INTENTION TO	RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF	RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO	SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF	ABANDONMENT	
	PULL OR ALTER CASING		SUPPLEMENTARY WELL HI	STORY	·
NOTICE OF INTENTION TO	ABANDON WELL				
	(INDICATE ABOVE BY CHECK		· · · · · · · · · · · · · · · · · · ·	• .	
			Dec	ember 12,	157
Federal M: 1 Well No	iller is located 660 ft.	from.	N   line and	ft. from $\left\{egin{aligned} \mathbf{E} \\ \mathbf{W} \end{aligned}\right\}$ line of	8 sec
NW 1/4	30S	22	E SLBM	(")	
(½ Sec. and Sec. No.)	(Twp.) San Juan	(Ran	ge) (Merid	ian)	. //
Wildcat	San Juai	n Cow	nty	o catt	
ζ=,	ground `			(State or Territory)	$\Delta = \Delta$
The elevation of the	derrick floor above se	a level	; 5485 ft		- Y - 75
			OF WORK		
(State names of and expected	l depths to objective sands; sh ing points, an	ow sizes, w	eights, and lengths of propo	osed casings; indicate mudd	ing jobs, cement-
Drilled 13 3/4 40.5# csg @ 11 circulate. Ra Cemented top w	" hole to 1980 24 with 600 s n Haliburton 1 730 sacks of r under surface	acks ine a egula	et 37 joints regular. Cem nd found ceme	10 3/4" Range ent would not ent @ 164.	2
				Ĭ	
	•				
I understand that this pl	an of work must receive appro	oval in writ	ing by the Geological Surve	y before operations may be	commenced.
	ental Oil Co.				
Address Box 112	21			<i>(</i> ) <i>(</i> ) <i>( ( ( ( ( ( ( ( ( (</i>	0 1
Durango	)		By Ch	arles V. o	tee, fr.
Colorad	io	<u></u>	Title	Geologist	<i>U</i> ,





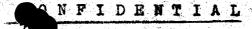
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UNIT	S					5.67	

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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weils) J	or the	e mon	Box	1121		<b>)</b>	., 19, Coi	mpany		al 011 Co.
Phone .			CHei	rry 7	-2580		Sig Age	ned int's title	Geologi Geologi	v. zel ist
SEC. AND % OF %		RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cu. Fr. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
NW 5	<del>30</del> 8	22E	1							Drilling @ 418: 1-1-58
				838	PULVA					
						¢				

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

			Budge	Bure val ex	au N	o, 42- 12-31-	R356 55.	.4.
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	LEASE	NUMBER	}			ر.		
S. No.	IINIT				100	41.5		

## LESSEE'S MONTHLY REPORT OF OPERATIONS

Agent's	addr	ess		ngo,	<b>Colorad</b> -2580	<b>5</b>	Sig	nedC	harler Geolog	al oil co.
SEC. AND % OF %	Twp.	RANGE	WELL No.	DAYS PRODUCED	Babrels of Oil	GRAVITY	Cu. Fr. or Gas (In thousands)	GALLONS OF GASOLINE	BARRELS OF WATER (If	REMARKS (If drilling, depth; if shut down, cause, date and result of test for gasoline
8 WM	30S	22E	1					RECOVERED	none, so state)	Drilling @ 418:
			۰							
						2:				

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)

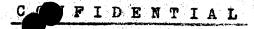
## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

AND OFFICE	
EASE NUMBER - SL-067703	}
JNIT	

## LESSEE'S MONTHLY REPORT OF OPERATIONS

			Dur	1121 ango	Colorad	0	Sig	ned Col	orles V.	tal Oil.Co.
Phone			CHe	rry 7	7-2580		Age	ent's title	Geolog:	<b>lat</b>
SEC. AND % OF %	Twp.	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cv. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
NW NW 8	308	221	3 1							Coreing @ 632L
			. /							2-1-58

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.





LAND OFFICE

LEASE NU**ISE**E-067703

## DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

## LESSEE'S MONTHLY REPORT OF OPERATIONS

**UNITED STATES** 

vells) fo	or the	owing mon	is a th of	correc Janua	ry	operati	ons and <b>58</b> 9,	product	ion (i	ncluding d	rilling and producin
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-none _		- VM G	rry_	-(=2)	80			Agent's	tidec	logist	
Sec. and 14 of 14	TWP.	RANGE	WELL No.	DATS PRODUCED	BARREIS OF OIL	GRAVITY	Cu. Fr. of G (In thousand	GAS	ONS OF OLINE VERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
w 30s	22]	3 1								Cor 2-1	eing @ 6324 -58
										8864	

Note.—There well not sales of oil; No Mou. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)

16-25788-7 U. S. GOVERNMENT PRINTING OFFI



### UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

LAND	OFFICE	Ebaile e	141 L				
LEASE	NUMBER	o.	r ^	1.70	•		
LINIT	NUMBER		∪	10	CO	5	

## LESSEE'S MONTHLY REPORT OF OPERATIONS

		ess	Box Duri	1121 engo,	Colorado	9	Co1	mpany Ch	ontiner	tal 911 Co.
one_	CHe	ery.	7-2	580			Age	nt's title _	Geologi	s t
AND OF 1/4		RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil		Cu, Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, caudate and result of test for gasoline content of gas)
NW 8	308	22E	1							3-1-58 Waiting on Work-over rig

runs or sales of gascline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)



Budget Bureau No. 42–R356.4. Approval expires 12–31–55.

UNITED STATES LAND OF DEPARTMENT OF THE INTERIOR LEASE N

GEOLOGICAL SURVEY

## LESSEE'S MONTHLY REPORT OF OPERATIONS

	ls) j	or th	e mon	th of	' Fe	bruary		., 1958			trilling and producin			
			·ess	Dur	1121 ango,	Colorado	<b>5</b>	Co1	npany ned	iontiner	tal 01) Co.			
h	one.	CHe:	rry .	7-2	580			Age	Agent's title Geologist					
EC.	AND OF 1/4	Twp.	RANGE	WELL No.	DAYS PRODUCED	Babrels of Oil	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cau date and result of test for gasoline content of gas)			
I	NW 8	308	22E	1							3-1-58 Waiting on work-over rig.			
		b.												

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in

duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)

# Form 9-381a (Feb. 1961)

### (SUBMIT IN TRIPLICATE)

Approval expires 12-31-60.
Land Office Salt Lake Sity
Lease No. 067703
Unit

NOTICE OF INTENTION TO DRI	ш	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHA	NGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TES	T WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-	DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
<u> </u>	OOT OR ACIDIZE	
	L OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
(	INDICATE ABOVE BY CHECK MARK NAT	TURE OF REPORT, NOTICE, OR OTHER DATA)
Tagadh ann an an an ann ann an an		February 10, 195
Federal Mill		
Well No is	located 660 ft. from	${f N \choose S}$ line and ${f 660}$ ft. from ${f E \choose W}$ line of sec. ${f 6}$
	7 ( nom	(")
NE 1/4 8	385 22E (Twp.) (Rai	SLAM
(4 Sec. and Sec. No.)	(Twp.) (Rai San Juan	nge) (Meridian)
(Field)	(County or Su	The state of the s
	Range 2 J-55 API	long thread
1/2" 4986' 14# ented with 100	sax regular camen	t mixed with 100 cm. ft menium
1/2" 4986: 14# ented with 100   % gel followed	sax regular coment by 200 sax reg. co	t mixed with 100 cu. ft. perlite
1/2" 4986' 14# ented with 100 p % gel followed t plug 6471. Di	sax regular coment by 200 sax reg. co splaced coment wit	t mixed with 100 cu. ft. perlite
1/2" 4986' 14# ented with 100 p % gel followed t plug 6471. Di	sax regular coment by 200 sax reg. co splaced coment wit	t mixed with 100 cu. ft. perlite
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1/2" 4986' 14# ented with 100   % gel followed   plug 6471. Dia g down 10 P. M.	sax regular coment by 200 sax reg. co splaced coment with 2-3-58.	t mixed with 100 cu. ft. perlite ement. th fresh water.
1/2" 4986' 14# ented with 100 p gel followed b plug 6471. Dia g down 10 P. M.	sax regular coment by 200 sax reg. co splaced coment with 2-8-58.	t mixed with 100 cu. ft. perlite ement. th fresh water.
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1/2" 4986' 14# ented with 100 n gel followed t plug 6471. Did g down 10 P. M.  I understand that this plan of	sax regular coment by 200 sax reg. co splaced coment with 2-3-58.	t mixed with 100 cu. ft. perlite ement. th fresh water.
1/2" 4986' 14# ented with 100 % gel followed plug 6471. Dia g down 10 P. M.  I understand that this plan of Company Continents Address Sox 1121	sax regular coment by 200 sax reg. co splaced coment with 2-8-58.	t mixed with 100 cu. ft. perlite ement. th fresh water.

### CONFIDENTIAL



Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

Land Office	Sal	t Lak	e_City
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Lease No. 067703

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

**GEOLOGICAL SURVEY** 

(SUBMIT IN TRIPLICATE)



Form 9-331 a (Feb. 1951)

NOTICE OF INTENTION TO DRILL	WELL	SUBSEQUENT REF SUBSEQUENT REF SUBSEQUENT REF SUBSEQUENT REF	PORT OF WATER SHUT-OFF PORT OF SHOOTING OR AC PORT OF ALTERING CASING PORT OF RE-DRILLING OR PORT OF ABANDONMENT	EIDIZING
(INDICATE ABOVE B	Y CHECK MARK NATU	RE OF REPORT, NO	OTICE, OR OTHER DATA)	
			February 10	, 19 <u>58</u>
Federal Miller  Well No. 1 is located 660	ft. from {\begin{cases} \cdot \	line and	660 ft. from ( <b>E</b> <sub>1</sub> )	line of sec. 8
		SLB	(***)	
NE 1/1 8 388 (4 Sec. and Sec. No.) (Tr	wp.) (Rango San Juan		(Meridian)	
(Field)	(County or Subd	livision)	Utah (State or 1	
The elevation of the derrick floor ab	ove sea level is	5498 ft.		
	<b>DETAILS</b>			
(State names of and expected depths to objective s ing p	ands; show sizes, wei oints, and all other in	ights, and length mportant propose	s of proposed casings; indi ed work)	cate mudding jobs, cement-
Set 6506' pipe made up as 5 1/2" 1520' 17# Range 2 5 1/2" 4986' 14# Range 2 Cemented with 100 sax regu & 2% gel followed by 200 s Top plug 6471. Displaced Plug down 10 P. M. 2-8-58.	2 J-55 API 2 J-55 API llar cement sax reg. c cement wi	long th t mixed ement.	read with 100 cu.	ft. perlite
	ive approval in writin	ng by the Geologic	- '	ns may be commenced.
I understand that this plan of work must receive Company Continental Oil Continental Oil Continental Oil Company Continental Oil Conti	Co.			
				$\bigcap$ 1
Company Continental Oil (	:	Bv	Charle i	7. Le L

Form 9-381 a (Feb. 1951)

### (SUBMIT IN TRIPLICATE)

Ag	proval expir	No. 42-R36 ≈ 12-31-60. Lake	e Cit
	067703	}	
T1_14			

I HOLLES OF MILESTINON TO DIVIN	Ц	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHA	NGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACII	DIZING
NOTICE OF INTENTION TO TES	T WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.	A
NOTICE OF INTENTION TO RE-		i II	į
NOTICE OF INTENTION TO SHO		SUBSEQUENT REPORT OF ABANDONMENT	ļ
NOTICE OF INTENTION TO PUL		SUPPLEMENTARY WELL HISTORY	
(1	INDICATE ABOVE BY CHEC	MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)	
		February 10,	10
Federal Mille	er		, 19
W-11 N	located 660 ft	( /N), 1660 ( /E)	8
		from $\binom{N}{S}$ line and $\binom{660}{W}$ ft. from $\binom{E}{W}$	line of sec
NE 1/4 8	388	22E SLBM	
Wildcat Sec. No.)	(Twp.) S <b>a</b> n	Juan (Meridian) Utah	
(Field)		ounty or Subdivision) (State or To	erritory)
(State names of and expected dep	pths to objective sands; s ing points, s	now sizes, weights, and lengths of proposed casings; indicated all other important proposed work)	ate mudding jobs, ce
(State names of and expected dep	pths to objective sands;	now sizes, weights, and lengths of proposed casings; indicated all other important proposed world	ate mudding jobs, ce
	1 120 DO POST		
6506' pipe made	of as roll	OMS:	
6506' pipe made 1/2" 1520' 17#	Range 2 J-5	API long thread	
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 1h#	Range 2 J-5	API long thread	
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s	Range 2 J-5 Range 2 J-5 Bax regular	API long thread API long thread coment mixed with 100 cm. f	t. perlite
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s % gel followed b	Range 2 J-5 Range 2 J-5 sax regular by 200 sax r	API long thread API long thread cement mixed with 100 cu. f eg. cement.	t. perlite
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s gel followed b plug 6471. Dis	Range 2 J-5 Range 2 J-5 sax regular by 200 sax r splaced ceme	API long thread API long thread coment mixed with 100 cm. f	t. perlit
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s gel followed b plug 6471. Dis	Range 2 J-5 Range 2 J-5 sax regular by 200 sax r splaced ceme	API long thread API long thread cement mixed with 100 cu. f eg. cement.	t. perlit
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s gel followed b plug 6471. Dis	Range 2 J-5 Range 2 J-5 sax regular by 200 sax r splaced ceme	API long thread API long thread cement mixed with 100 cu. f eg. cement.	t. perlit
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s % gel followed b	Range 2 J-5 Range 2 J-5 sax regular by 200 sax r splaced ceme	API long thread API long thread cement mixed with 100 cu. f eg. cement.	t. perlit
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s gel followed b plug 6471. Dis	Range 2 J-5 Range 2 J-5 sax regular by 200 sax r splaced ceme	API long thread API long thread cement mixed with 100 cu. f eg. cement.	t. perlit
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s gel followed b plug 6471. Dis	Range 2 J-5 Range 2 J-5 sax regular by 200 sax replaced ceme	API long thread API long thread cement mixed with 100 cu. f eg. cement.	t. perlit
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s gel followed b plug 6471. Dis down 10 P. M.	Range 2 J-5 Range 2 J-5 Range 2 J-5 sax regular by 200 sax r splaced ceme 2-8-58.	API long thread API long thread cement mixed with 100 cu. feg. cement.  at with fresh water.	
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s gel followed b plug 6471. Dis down 10 P. M.	Range 2 J-5 Range	API long thread API long thread coment mixed with 100 cu. fog. coment.  It with fresh water.	
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s gel followed b plug 6471. Dis g down 10 P. M.  Continenta Company	Range 2 J-5 Range	API long thread API long thread cement mixed with 100 cu. feg. cement.  at with fresh water.	
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s gel followed t plug 6471. Dis g down 10 P. M.  I understand that this plan o Continents Company  Address  Box 1121	Range 2 J-5 Range	API long thread API long thread coment mixed with 100 cu. fog. coment.  It with fresh water.	
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s gel followed b plug 6471. Dis down 10 P. M.  Continents Company	Range 2 J-5 Range	API long thread API long thread coment mixed with 100 cu. fog. coment.  It with fresh water.	
6506' pipe made 1/2" 1520' 17# 1/2" 4986' 14# ented with 100 s % gel followed to plug 6471. Dis g down 10 P. M.  I understand that this plan of Continents Company	Range 2 J-5 Range	API long thread API long thread coment mixed with 100 cu. fog. coment.  It with fresh water.	



## CONFIDENTIA

Budget Bureau No. 42-R358.4. Approval expires 12-31-60

Land Office

067703 Lease No.

Form 9-381 a (Feb. 1951)

## UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

NOTICE OF NOTICE OF NOTICE OF	INTENTION TO DRILL.  INTENTION TO CHANGE PLANS INTENTION TO TEST WATER S INTENTION TO RE-DRILL OR I INTENTION TO SHOOT OR ACI INTENTION TO PULL OR ALTE INTENTION TO ABANDON WELL	HUT-OFF REPAIR WELL DIZE R CASING	*	SUBSEQUENT REPORT OF ALT SUBSEQUENT REPORT OF RE- SUBSEQUENT REPORT OF ABA	TER SHUT-OFF	
		***************************************				
	(INDICATE AI	BOVE BY CHECK MAR	K NATU	RE OF REPORT, NOTICE, OR OT	,	, m
T.	deral Miller			February	13,	, 19. <b>5</b> 0
Well No	*	660	(1)	1), , 660 .	from $\left\{\begin{matrix} \mathbf{F} \\ \mathbf{W} \end{matrix}\right\}$ line of sec.	8
	_		n (§	· )	from \{\bar{\pi}\} line of sec.	
E 1/4	lec. and Sec. No.)	38S	(Rang	E SLBM e) (Meridian)		
Wilde	*	Sen Ju	•	e) (Mendian)	Utah	
				OF~WORK		
State names	of and expected depths to obje	ective sands; show si ing points, and all	izes, we other i	ights, and lengths of proposed mportant proposed work)	casings; indicate mudding joi	s, cement
perati Pi Wi Ai	lons: erforate 6293- esh perfs w/75 cidize w/2,00 wab perforation	6326 w/4 ; 0 MA. 0 gal. aci n to test continue ;	ld. Pro inti	/ft.	erform the fol dal, such test esults indicat	į.
						÷
						<i>:</i>
_	and that this plan of work mu			ng by the Geological Survey be	efore operations may be comm	enced.
Company	and that this plan of work mu			ng by the Geological Survey b	ofore operations may be comm	enced.
_	and that this plan of work mu  Continental 0			By	ofore operations may be comm	: •nc•d. 



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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

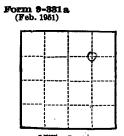
Bureau No.		City
4.771	3.3	

Land Office	
Lease No.	067703
Unit	

NOTICE OF INTENTION TO DRILL  NOTICE OF INTENTION TO CHANGE PLAN: NOTICE OF INTENTION TO TEST WATER S NOTICE OF INTENTION TO RE-DRILL OR NOTICE OF INTENTION TO SHOOT OR AC NOTICE OF INTENTION TO PULL OR ALTE NOTICE OF INTENTION TO ABANDON WEL	HUT-OFF	SUBSEQUENT REPORT OF WATER SHUT-OFF	
(indicate a	BOVE BY CHECK MARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)	. 19 53
Well No is located	660 ft. from.	$\begin{bmatrix} N \\ S \end{bmatrix}$ line and $\begin{bmatrix} 660 \\ M \end{bmatrix}$ line of sec.	8
Y Sec. and Sec. No.)	(Twp.)	ge) (Meridian)	
It is the intention operations:  Ferforate 6293-6  Wash perfs w/756  Acidize w/ 2,006  Swab perforation	DETAILS octive sands; show sizes, we ing points, and all other of Continents 5326 w/4 jets 0 MA. 0 gal. acid. n to test prosentinue unti	OF WORK  eights, and lengths of proposed casings; indicate mudding job important proposed work)  1 011 Cc. to perform the fol  /ft.  duotion potential, such test 1 conclusive results indicate	loving
I understand that this plan of work mu	ist receive approval in writ	ing by the Geological Survey before operations may be comme	enced.
Company	L4 VV.	·	
Address		0/2/	0
Durango		By (harter C. of	L
Colorado		Geologist Title	



Land Office .	Salt Lake City
Lease No	067703
Unit	



## **UNITED STATES DEPARTMENT OF THE INTERIOR**

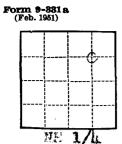
(SUBMIT IN TRIPLICATE)

**GEOLOGICAL SURVEY** 

SUNDRY	NOTICES AN	ID REPOR	TS ON WEI	LLS
NOTICE OF INTENTION TO DRILL		SUBSPONENT PER	ORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE P		1	ORT OF SHOOTING OR ACID	
NOTICE OF INTENTION TO TEST WATE	ER SHUT-OFF	i ·	ORT OF ALTERING CASING	1
NOTICE OF INTENTION TO RE-DRILL	OR REPAIR WELL	n	ORT OF RE-DRILLING OR RE	i I
NOTICE OF INTENTION TO SHOOT OR	137	tt.	ORT OF ABANDONMENT	i 1
NOTICE OF INTENTION TO PULL OR	LTER CASING	II	WELL HISTORY	1 1
NOTICE OF INTENTION TO ABANDON	WELL		****	
(INDICA	TE ABOVE BY CHECK MARK NA	NTURE OF REPORT, NOT	IICE, OR OTHER DATA)	
Federal Miller		<del></del>	Feb. 13,	, 19 <u>53</u>
Well No. 1 is locat	ed 660 ft. from	${N \atop S}$ line and 6	60 ft. from $\left\{ \frac{\mathbf{E}}{\mathbf{W}} \right\}$ l	ine of sec. 8
NE 1/1 8 (3/ Sec. and Sec. No.)			( )	
(Field)	San Juan (County or S	ubdivision)	UTAD (State or Te	rritory)
State names of and expected depths to		S OF WORK weights, and lengths or important proposed	of proposed casings; indica i work)	te mudding jobs, cement-
It is the intentio operations: Perforate 6 Wash perfs Acidize w/ Swab perfor swabbing	n of Continen 293-6326 w/4	tal Oil Co jets/ft. d. production ntil concl	. to perform  n potential, usive results	the followin
I understand that this plan of work	must receive approval in wr	iting by the Geologica	al Survey before operations	may be commenced.
Company Continental	Oil Co.			<i>-</i>
Address Box 1121				7 -P. N.
Durango, Co	lorado	Ву	(harter l	1, see sh.
·		Title .	Geologist	



(SUBMIT IN TRIPLICATE)



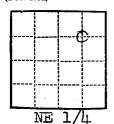
### **UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

Land Offic	· Gajt	Lake
Lease No.	-067703	
Unit	-	

SUND	RY NOTICES AN	D REPORTS ON WELLS
NOTICE OF INTENTION TO CHA NOTICE OF INTENTION TO TES NOTICE OF INTENTION TO SHO NOTICE OF INTENTION TO PUL	LL  NGE PLANS T WATER SHUT-OFF  DRILL OR REPAIR WELL  NOT OR ACIDIZE  L OR ALTER CASING  NDON WELL	SUBSEQUENT REPORT OF WATER SHUT-OFF
(1	INDICATE ABOVE BY CHECK MARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)
NE 1/4 3 (% Sec. and Sec. No.)	16r	Signature   Sig
(Field)	(County or Sul	Odivision) (State or Territory)
The elevation of the de	rrick floor above sea level	is <b>51</b> ,98 ft.
		OF WORK
3-6-5%. Perf. %ax 50 3-7-58. Swelte 3-6-5%. Scidie 5000%. efter 3-9-58. Plowed 3-10-5%. Swabb and oil &	6204-6324 w/h jet 000%, Min 3500%. Ed hole dry. Ed v/2000 gal. 15 Min 3600%. IH 2 14 hrs. 10 bbls. swabbed ed 6:00 A. M. to bil. My press. after has swabbed dry.	eights and lengths of proposed casings; indicate mudding jobs, cement- important proposed work)  8/ft. Acidized w/750 gal. NCA  IR 2.5 bbls/min. 2000 gal reg.  1/2 to 7 1/2 bbl/min. 2600#  120 bbls. Apparently new oil. 11:00 A. M. Recovered 26 bbls  hrs 70%. Swabbed 4 bols new
	of work must receive approval in writing the state of the	ing by the Geological Survey before operations may be commenced.
Address Box 1121 Durango,	Colora <b>do</b>	By Charles V. Lee

Title Goologist

Form 9-881 a (Feb. 1951)

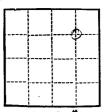


### (SUBMIT IN TRIPLICATE)

Land Office	Salt	Lake
Lease No	06770	3
Unit		

SUNDRY NOTICES	AND REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL  NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO TEST WATER SHUT-OFF.  NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.  NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  NOTICE OF INTENTION TO PULL OR ALTER CASING.  NOTICE OF INTENTION TO ABANDON WELL.	SUBSEQUENT REPORT OF ALTERING CASING
(INDICATE ABOVE BY CHECK MAI	RK NATURE OF REPORT, NOTICE, OR OTHER DATA)
Federal Miller  Well No. 1 is located 660 ft. fro  NE 1/4 8 38S (4 Sec. and Sec. No.) (Twp.)	March 12, 19 58  m. $\{N\}$ line and 660 ft. from $\{E\}$ line of sec. 8  22E SLBM (Range) (Meridian)
	Juan Utah
(Field) (Count	y or Subdivision) (State or Territory)
The elevation of the derrick floor above sea l	evel is <u>5498</u> ft.
DETA	AILS OF WORK
State names of and expected depths to objective sands; show a ing points, and al	sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement- l other important proposed work)
3-7-58. Swabbed hole dry. 3-8-58. Acidized w/2000 gal 5000#, Min 3600#. after 14 hrs. 3-9-58. Flowed 10 bbls, swa 3-10-58. Swabbed 6:00 A. M. new oil.	jets/ft. Acidized w/750 gal. MCA #. IR 2.5 bbls./min. 2000 gal reg. . 15% and 8000 gal. retarded. Max. IR 2 1/2 to 7 1/2 bbl./min. 2600# bbed 120 bbls. Apparently new oil. to 11:00 A. M. Recovered 26 bbls r 14 hrs 70#. Swabbed 4 bbls new oil
I understand that this plan of work must receive approval	in writing by the Geological Survey before operations may be commenced.
Address Box 1121	·
Durango, Colorado	0 V V 31 2
	Title Geologist



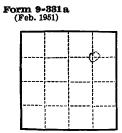


### (SUBMIT IN TRIPLICATE)

# Lease No. 067703

SUNDRY	NOTICES AN	D REPORTS ON W	ELLS
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-	OFF
NOTICE OF INTENTION TO CHANGE PI	LANS	SUBSEQUENT REPORT OF SHOOTING OR	ACIDIZING
NOTICE OF INTENTION TO TEST WATE	ER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CAS	SING.
NOTICE OF INTENTION TO RE-DRILL	OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING	OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR	ACIDIZE	SUBSEQUENT REPORT OF ABANDONMEN	Т
NOTICE OF INTENTION TO PULL OR A	ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON	WELL		
(INDICAT	TE ABOVE BY CHECK MARK NA	TURE OF REPORT, NOTICE, OR OTHER DATA)	
		Arch 12	. 19_58
Federal Mille	r		
Well Nois locat	ed <u>500</u> ft. from.	$\left\{ egin{array}{l} \left[ egin{array}{l} egin{$	$\left\{\begin{array}{c} \frac{2}{N} \\ \end{array}\right\}$ line of sec. $\frac{3}{N}$
WH: 1/L 8	<b>3</b> 88 <b>22</b>	e slem	
(½ Sec. and Sec. No.)	san auan	43 <b>5</b> 3	da
(Field)	(County or Su	abdivision) (State	or Territory)
3-6-58. Peri. 62 Mrx 5000 3-7-58. Swabbed 1 3-8-55. Acidized	04-6324 // ie 6. 21n 25067. bolo ary. 2/2000 /01. 1	weights, and lengths of proposed casings; if important proposed work)  18 / 18 . Acidized of 18 2.5 bbls/rin.  55 end 8000 csl ret 2 1/2 to 7 1/2 bbl/	750 gal. 1001 2000 gal reg. arded. Mex
3-9-50. Plowed in 3-10-50. Swebbed new oil	O bbls, swabbe 6:00 A. W. to	d 120 bbls. Appare 11:00 A. M. Recov	
· · · · · · · · · · · · · · · · · · ·	press. after leabled dry.	4 hrs 70%. Swabbed	4 bols new
I understand that this plan of work	must receive approval in wri	ting by the Geological Survey before opera	tions may be commenced.
	and the later with		
Company Continental	Cil Co.		
Company Continentel Address Box 1121  Durango, Co		By Charles.	2. Lee

(SUBMIT IN TRIPLICATE)



Land Office	Salt	Lake
Lease No.	06770	3
Unit		

	SUNDRY NO	OTICES AN	D REPORTS ON WELLS
NOTICE OF IN NOTICE OF IN NOTICE OF IN NOTICE OF IN	ITENTION TO DRILL	IUT-OFFEPAIR WELL	SUBSEQUENT REPORT OF WATER SHUT-OFF
	(INDICATE AB	OVE BY CHECK MARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)
Well No		660 ft. from. { 38S 2	March 13, 19.58  Name and 660 ft. from $E_{W}$ line of sec. 8  SLBM (Meridian)
Wild		San J (County or Su	nan <u>Utah</u> bdivision) (State or Territory)
The subtreatme and acithe welnot be	ject well, far nt as outlined dizing, will h l capped tempo	DETAILS  ctive sands; show sizes, we ing points, and all other  illing to read on the preduce temporari  orarily. Th	OF WORK  reights, and lengths of proposed casings; indicate mudding jobs, cement- important proposed work)  ct favorably to stimulation and viously submitted report of shooting ly abandoned, tubing pulled and e 5 1/2" production casing will ecision to permanently plug and
I understan	d that this plan of work mu	st receive approval in wri	ting by the Geological Survey before operations may be commenced.
Company	Continental (	Dil Co.	
Address	Box 1121 Durango, Colo	orado	By Chale U. Lee Title Geologist



GPO 9 18 50 7

Form 9-881 a (Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office	Salt	Lake
Lease No.	067703	<b>.</b>
Unit		

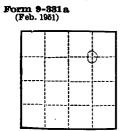
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPOR SUBSEQUENT REPOR SUBSEQUENT REPOR SUBSEQUENT REPOR SUBSEQUENT REPOR SUPPLEMENTARY WE	T OF WATER SHUT-OFF T OF SHOOTING OR ACIDIZING T OF ALTERING CASING T OF RE-DRILLING OR REPAIR T OF ABANDONMENT ELL HISTORY	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL	SUBSEQUENT REPOR SUBSEQUENT REPOR SUBSEQUENT REPOR SUPPLEMENTARY WE	T OF ALTERING CASINGT OF RE-DRILLING OR REPAIRT OF ABANDONMENT	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE  NOTICE OF INTENTION TO PULL OR ALTER CASING  NOTICE OF INTENTION TO ABANDON WELL. COM.	SUBSEQUENT REPOR SUPPLEMENTARY WE	T OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WE	ELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL 1911	orar- I ly		
	ly	E, OR OTHER DATA)	
(INDICATE ABOVE BY CH	ECK MARK NATURE OF REPORT, NOTIC	E, OR OTHER DATA)	
		March 13.	ء ـــــ 19
Federal Miller			-
ell No. 1 is located 600 f	ft. from $\left\{\begin{array}{c} 1\\ S \end{array}\right\}$ line and $\left\{\begin{array}{c} 1\\ 1 \end{array}\right\}$	$\mathcal{L}_{\mathbf{W}}$ ft. from $\{\mathbf{w}\}$ line of so	ec8
NE 1/4 8 38S (½ Sec. and Sec. No.) (Twp.)	22R ST.F	· ·	
			,
WildGat	(County or Subdivision)	(State or Tarritory)	
		(*************************************	
ne elevation of the derrick floor above	sea level is 5498 ft.		
	DETAILS OF WORK		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
ate names of and expected depths to objective sands			
he subject well, failing reatment as outlined on nd acidizing, will be to he well capped temporeri of be pulled, pending a bandon the well.	the proviously susponantly abandon	bmitted report of	f shooti d and
		÷	
	A.•	}	
l understand that this plan of work must receive ap	pproval in writing by the Geological	; Survey before operations may be co	mmenced.
I understand that this plan of work must receive apompanyContinental oil C		Survey before operations may be con	mmenced.
		Survey before operations may be con	mmenced.
ompany — <del>Continental Oil C</del>		Survey before operations may be con	mmenced.

CONFIDENTIAL

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

Land Office ... 067703 Lease No.

Unit \_\_\_\_



## **UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

SUNDRY	NOTICES A	ND REI	PORTS O	N WE	ELLS	
NOTICE OF INTENTION TO DRILL		SUBSEQUE	NT REPORT OF WATE	R SHUT-OF	F	
NOTICE OF INTENTION TO CHANGE PL	.ANS	SUBSEQUE	NT REPORT OF SHOO	TING OR AC	CIDIZING	
NOTICE OF INTENTION TO TEST WATE	R SHUT-OFF	SUBSEQUE	NT REPORT OF ALTE	RING CASIN	G	
NOTICE OF INTENTION TO RE-DRILL	OR REPAIR WELL	SUBSEQUE	NT REPORT OF RE-DA	RILLING OR	REPAIR	
NOTICE OF INTENTION TO SHOOT OR	ACIDIZE	SUBSEQUE	NT REPORT OF ABAN	DONMENT		
NOTICE OF INTENTION TO PULL OR A		SUPPLEME	NTARY WELL HISTOR	Y		
NOTICE OF INTENTION TO ABANDON 1	well temporar -					
(INDICAT	TE ABOVE BY CHECK MARK N	ATURE OF REPO	ORT, NOTICE, OR OTHI	ER DATA)		
			aerci	z 13.		19 58
Federal Miller	<b>.</b>					, 1/
Vell No is locat	ed 660 ft. from	N line a	nd 660ft. f	$\mathbf{rom} \left\{ egin{matrix} \mathbf{E} \ \mathbf{W} \end{array}  ight\}$	Mine of sec	3
ME 1/4 8	358	32E	SLBN	( ** )	,	
(1/2 Sec. and Sec. No.)		lange)	(Meridian)			
Wildcat	San	JUSA Subdivision)			tah	
•	(11111)	,		(21010 01	Territory)	
tate names of and expected depths to						
treatment as outlined and acidizing, withe well capped to not be pulled, parabandon the well.	in <b>ed</b> on the p 11 be tempora emporarily.	revious rily sh The 5 l	ly substituted.	tod re tubina stiss	sport of g pulled cusing	shootin and will
I understand that this plan of work	must receive approval in w	riting by the G	eological Survey befo	ore operatio	ons may be com	menced.
ompany <u>fontinent</u>	al Mil Co.					
ddress	· · · · · · · · · · · · · · · · · · ·		P. Cha		1) L	n
2 32 7 2400 BB C	Colorado		Dy		, <u> 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 </u>	C
		•	Title		o. <b>+</b>	

NTAL OIL COMPATY PEDERAD NILLER #1 b C bul, 660 FFL, S8, T385, R228, San Juan County, Utah. Elevation, 5458 DEC. TD 5510

CORE #1, 5830-5848, Recovered 178

Sh, ck gry, he, silty very cale, and !!

Sh. blk, pokeroble dala.

5840-45 La, gry, dense, very hard

· 5845-473 Ls, gry, dense, very hard w/scattered freat words w mray chert nodules.

CORE #2, 5846-59. Gut 11", Recovered 9!

5846-57 Ls, gry, dense, very hard, a few metrline horizontal fracs throughout. A few scattered of chert inclusions.

CORE #3, 6171-6217. Cut 16', Recovered 44'.

Ls, gry, mostly dense, some fully xin, a few stylolites & 6171-95 foss throughout.

Ls, dk ry, dense to fully xln, some shaly acattered foss. 6195-6209 6209-15 Le, gry to dk gry, dense to xin foss numerous lik to dk brn chert inclusions.

CORE #4, 6256-14. Out 281, Recevered 27.5'

6256-77 Le, dk gry, v hard, dense to f xln, memerous large black ch inclu throughout.

6277-79 Ls, dk ry to olk, shaly, v fossil.

6279-83.5 Ls, gry f aln.

CORE #5, 6284-6318. Cut 321, Recovered 321,

5284-91.5 Ho, mr, f. x1n, w. na rd

6291.5-10.5 Ls, Ty, f xin, md hd, si prece appear, small calcute inclusions, slight odar, no stain fluor.

6296.5-6300.5 Ls, gry, xln, 51 g & green oil; 2006 odor stath fluor, lurge calcite inclu & fillings, brecc a rear, sl fossil (prachs).

6306.5-10 La, spry, ' xlm, v fossil, md hd, ho shows.

6310-16 Ta, gra, faln, v bard.

CORE #6. 6316-6367. Cut 511, Recovered 231.

Ls, gra, hd, f xln, sl odor on fresh break, no stain or fluor. 6316-22

Sh, blk, hd, calcar, some pokerchil. 6322-39

6339-67 Lost, presumably black shale.

CORE #7. 6372-6423. Cut 511, Recovered 511.

Ls, gry, dense to fully xln, anhydritic. 6372-78

6378-82 Dolo, brn, fair odor, spotty fluor throughout, good fluor along an partings, slight bleeding oil & was along shale partings.

6382-83 Dolo, gry to blk, snaly, anhydritic.

6383-95. Anhydrite, gry, xin.

6395-6405 Dolo, brn, dense to fully xln, fair odor, spotty fluor, some shaly stringers.

6405-07 Ls, anhy, gry, dense, w/incl of anhy, slight odor.

6407-13 Ls, gry, dense, anhydritic.

6413-23 Anhy, dense, gry.



CONTINENTAL OIL COMPANY FEDERAL MILLER #1
660 FNL, 660 FEL, S8, T38S, R22E, San Juan County, Utah.
Elevation, 5498 DF. TD 6510.

CORE #8. 6423-74. Cut 51', Recovered 51'.
6423-36.5 Ls, gry, silty, fnly xln, slightly foss (brachs).
6436.5-42.5 Ls, gry, silty, fnly xln, spotty odor & few hairline
fraces slightly bleeding gas & oil.
6442.5-72 Sh, blk, slightly calc, ringtail.
6472-74 Ls, gry, fnly xln, very slight odor, no stain or fluor.
6478-87 Ls, blk, shaly, anhydritic.

6487-90 Dolo, brn, fnly xln, fair odor & stain, spotty fluor.
6490-91.5 Anhydrite, gry, xln.
6491.5-98 Dolo, brn-gry, dense, shaly, anhydritic.
6498-6508.5 Anhydrite, xln, gry.
6508.5-6510 Salt (1" recovered).

Log Tops: Chinle, 2250; Shinarump, 2995; Cutler, 3248; Hermosa, 5239; Paradox, 6095; Paradox Salt, 6508.

The following DST's were run: 1-31-58. DST #1, 6285-6316. 0 2 hrs, SI 1 hr. GTS in 1 hr and 6 mins. TSTM. Recovered 520' of fluid broken down as follows: 160 HOGCM; 360' free oil; IHP 3325; ISIP 2690; IFP 0 (tool plugged); FIP 1355; FSIP 1860; FHP 3320; BHT 126°. 2-6-58. DST #2. 6315-6423. ISI 30 mins. 0 2 hrs. VWBAI, died after 20 mins. Recovered 60' drilling mud with no show of oil or gas. IF 70#; FF 80#: ISIP 90#. FSIP 100# after 2 hrs. IHP 3365; FHP 3365.

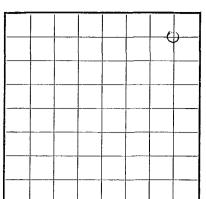
Completion Prog: 3-6-58. Perf. 6294-6324 w/4 jets/ft. Acidized w/750 gal. MCA. Max. pressure 5000#. Min. pressure 3500#. IR 2.5 bbls/min. Acidized w/2,000 gal. reg. acid. 3-7-58. Swabbed hole dry. 3-8-58. Acidized w/10,000 gals. made up as follows: 1000 gals. reg. 15%. 8000 gals. retarded acid. 1000 gals reg. 15%. Max. Press. 5000#, Min. Press. 3600#. IR 2 1/2 to 7 1/2 bbls/min. Press. dropped to 2600# after 20 mins. 2600# after shut in 14 hrs. 3-9-58. Opened well at 6:00 A. M. Flewed 10 obls. Swabbed 8:00 A. M. to 6:00 P. M. Recovered 120 bbls. No acid water returns. Swabbed fluid was apparently all new formatics oil. 3-10-58. Swabbed 6:00 A. M. to 11:00 A. M. Recovered 26 tbls/nsw oil. 3-11-58. Tubing pressure after 14 hrs., shut in 70%. Swabbed 4 bbls. new oil, 5 hrs.

Cosing Program: 10 3/4" set at 1124; with 630 sex. 5 1/2" set at 6506 with 300 sex. Well temporarily shut coun.



10 6

Form 9-330



Adget No. 42-R355.4. Approva Stoires 12-31-60.

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

### LOG OF OIL OR GAS WELL

	<u> </u>	used	Explosive us	hon	Quantity	Date	Depth shot		Depth clea	
zzaap ve	19 1110 00116	W1			OTING R	ECORD	· · · · · · · · · · · · · · · · · · ·			
1.44	g plug—Ma rs—Materia						1	∍ehon ser		
<b>П</b> ост!	a plue M	tomio 1		-	S AND AI		<b>RS</b> I	Jonth and		
5 2 -	-6506+		38X		aliburi					
3/4	-112h+-	630	sax		faliburi	ton -				
Size casing	Where set	Numi	ber sacks of ce	ment	Method u	sed	Mud gravity	A	mount of n	nud used
			MUDE	OING A	ND CEME	NTING	RECORD			
									-	
										1.00.05
5章 5章	17# A1 14# A1	I Long	J-55	1520 1986				629U	6324	Prod.Cs
	40.5#	) <b>T</b>		-1124	Halib	urton			-	Surf.C
casing	per foot	inch	Make	Amoun	t Kind of s	hoe Cut	and pulled from	From-	То-	Purpose
Size	Weight	Threads per		1	7			Perfo	orated	1
No. 2,	from		to		ASING RE		m	t	0	
	from					•	m			
			-		TANT WA					
No. 3,	from		to		N	o. 6, fro	m	t	0	
No. 2,	from		to		N	o. 5, fro	m	t	ю	
No. 1,	from .629	6.5	to - <b>63</b> (	06.5-	N	o. 4, fro	m	t	O	
			OI	L OR (	GAS SAND (Denote gas l		ZONES			
Comm	enced drilli	ng <b>]-]</b>			•		drilling2	<del>-</del> 6		, <sup>19</sup> -5
	•	-	_				above date.			
	April 3	-					TitleDi	vision	្រែមបា	ogist
so far	as can be d	etermined	from all av	vallable :				X.L	U. 1	Lein
T	he informat	ion given l	herewith is	s a comp	olete and co		cord of the w			- , .
							ne of Sec.			
							Co			
							ldeat			
	anv Cont	inents"	017 0	0.	<b>A</b> A	ldress	Box-1121,	T)		

Size	Where	set	Number sa	cks of cement	Me	ethod us	ed	Mud gravit	y	Amount of	mud used
Size	1124	1	6 <del>30 s</del> a	<del>x</del>	-jai-i	burt	on				
5 2 -	6506		300 sa:	X							
			· · · · · · · · · · · · · · · · · · ·								
<u> </u>							APTER		<b>.</b>	1	
Heavin	g plug—										
Adapte	rs—Mat	terial		SH			ECORD				
Size	S	hell used	Ex	plosive used	<del></del>	ntity	Date	Depth	shot	Depth ele	aned out
1/2"		Jets	1	=	lı/ft		-6-58	62911-6	324	6471	
1 3/4		<u>S</u> arre	tulle	t (Bear Gun)	2	3	<u>-8-58</u>	6300-	6304	64.71	
					-				-		***************************************
Rotary	tools w	ere used	from	£5.€€ fee	TOOL et to 4.5			and fron	n	feet to	)
				fee	-						
<b></b>						ATES					
			,	19	1	Put	to prod	lucing			, 19.
$\operatorname{Th}$	e produ	ction for	the first	24 hours wa	S	b	arrels o	f fluid of	which -	% was	oil;
emulsio	n;	% water	; and	% sediment	•			Gravity,	°Bé		
Tf		cu ft.	or 24 hor	פיווו		Galle	ons gasc	line per	1,000 cu	ı. ft. of gas	
;	gas wen	, ou. 10. j	JOI 24 HO	uib			_		•	Ü	
`		•		n				1	,	Ü	
Ro	ck press	sure, Ibs.	per sq. i	n	EMPI	LOYE	ES				•
Ro	ck press	sure, lbs.	per sq. i	n, Drille	EMPI er		<b>ES</b>	Joe Y	owell	; <del></del>	, Dr
Ro	ck press	sure, lbs.	per sq. i	n, Drille	<b>EMP</b> I	LOYE	ES 	Joe Y	owell		, Dr
Ro	w	ng	per sq. i	n, Drille	EMPI or er	LOYE	<b>ES</b>	Joe Y y Dink	owell	Supervi	, Dr
Ro	ck press	ng	per sq. i	n, Drille FOR	EMPI or er	LOYE	ES Ha ECORI	Joe Y y Dink	owell beil,	Supervi	, Dr
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Ro  E FRO  250 995 248	ock press	ng ng 2995 3248 5239	per sq. i	n, Drille FOR TOTAL FE 745 253 1991	EMPI or er	ON R	Ha ECORE	Joe Y Y Bink	owell beil,	Supervi	, Dr
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Ro  FRO  250 995 248 239 095	ock press	ng ng 2995 3248 5239 5095	per sq. i	745 253 1991 856	EMPI or er	ON R Chi Shi Here	Ha ECORI nle narum ler mosa	y Bink	owell beil,	Supervi	, Dr
Ro  FRO  250 995 248 239 095	ock press	ng ng 2995 3248 5239 5095	per sq. i	745 253 1991 856	EMPI or er	ON R Chi Shi Here	Ha ECORI nle narum ler mosa	y Bink	owell beil,	Supervi	, Dr
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Ro  FRO  250 995 248 239 095	ock press	ng ng 2995 3248 5239 5095	per sq. i	745 253 1991 856	EMPI or or EMATIO	ON R Chi Shi Here	Ha ECORI nle narum ler mosa	y Bink	owell beil,	Supervi	, Dr
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Ro  EFRO  250 995 248 239 095	ock press	ng ng 2995 3248 5239 5095	per sq. i	745 253 1991 856	EMPI or or EMATIO	ON R Chi Shi Here	Ha ECORI nle narum ler mosa	y Bink	owell beil,	Supervi	, Dr
Ro  EFRO  250 995 248 239 095	ock press	ng ng 2995 3248 5239 5095	per sq. i	745 253 1991 856	EMPI or or EMATIO	ON R Chi Shi Here	Ha ECORI nle narum ler mosa	y Bink	owell beil,	Supervi	, Dr

1.

16—48094-2 U. S. GOVERNMENT PRINTING OFFICE

### HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

3-6-58. Perf. 6294-6324 w/4

Perf. 6294-6324 w/4 jets/ft.

Acidized w/750 gal MCA. Max pressure 5000#. Min. pressure 3500#. IR 2.5 bbls/min.

Acidized w/2000 gal reg. acid.

3-7-58. Swabbed hole dry.

3-8-58.

Acidized w/10,000 gals made up as follows:
1000 gals reg. 15%.
8000 gals retarded acid.

1000 gals reg. 15%.

Max. press. 5000#, min. press. 3600#. IR 2 1/2 to 7 1/2 bbls/min. Press. dropped to 2600# after 20 min. 2600# after shut in 14 hrs.

- 3-9-58. Opened well at 6:00 A. M. Flowed 10 bbls. Swabbed 8:00 A. M. to 6:00 P. M. Recovered 120 bbls. No acid water returns. Swabbed fluid was apparently all new formation oil.
- 3-10-58. Swabbed 6:00 A. M. to 11:00 A. M. Recovered 26 bbls new oil.
- 3-11-50. Tubing pressure after Ut hrs. shut-in 70%. Swabbed 4 bbls new oil from 6:00 A. M. to 11:00 A. M.

		×
1		

### (SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

App	novan expire	S 12-31-00.	
Land Office	Salt	Lake	
Lease No.			
Unit			

Budget Bureau No. 42-R358.4.

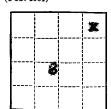
SUNDRY	NOTICES	AND	REPOR	TS ON WELLS	
NOTICE OF INTENTION TO DRILL			SUBSEQUENT REPOR	RT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PL	.ANS		SUBSEQUENT REPOR	T OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATE	R SHUT-OFF		SUBSEQUENT REPOR	T OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL O			SUBSEQUENT REPOR	T OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR		1 16		T OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR A  NOTICE OF INTENTION TO ABANDON 1			SUPPLEMENTARY W	ELL HISTORY	
NOTICE OF INTENTION TO ABANDON	WELL				
(INDICAT	TE ABOVE BY CHECK MA	RK NATU	RE OF REPORT, NOTI	CE, OR OTHER DATA)	
		Ju	ly 15		., 1960
Vell No. 1 is located.	r ed <b>660</b> ft. fro	om. [N	SIE	(4+)-	c <u>6</u> _
(½ Sec. and Sec. No.)	(Twp.)	(Range	)	(Meridian)	
(Field)	San Juan	y or Subd	ivision)	(State or Territory)	
pulled and th	ell is temp e well plug ll measures 70' - 35 50' - 3525' 50' - 2620'	ged	with ceme	oned. Casing will nt in the following	l be
Ш	0 30	•			
A comment wi prescribed re		st th	e surface	in accordance wit	th
I understand that this plan of work	must receive approval	in writin	g by the Geological	Survey before operations may be com	ımenced.
Company Continental	L 011 Zonpa	DY			
Address ox 3312				girned By:	
	lorado		$\mathbf{R}_{\mathbf{v}}$	Original Signed By: H. D. HALEY	
			v		

U.S. GOVERNMENT PRINTING OFFICE (1956-0-393560 U.S. GOVERNMENT PRINTING U.S. G



Land Office Salt Lake

Lease No. 067703



## UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

SUNDRY	NOTICES A	AND REPOR	RTS ON WELLS	
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REP	ORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE I	PLANS	SUBSEQUENT REP	ORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WAT	TER SHUT-OFF	SUBSEQUENT REP	ORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL	OR REPAIR WELL	SUBSEQUENT REP	ORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OF	R ACIDIZE	SUBSEQUENT REP	ORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR	ALTER CASING	SUPPLEMENTARY	WELL HISTORY	
NOTICE OF INTENTION TO ABANDON	WELL	<b>X</b> -		
(INDICA	ATE ABOVE BY CHECK MARK	C NATURE OF REPORT, NO	TICE, OR OTHER DATA)	
			September 22	, 19 <u>.60</u>
Federal All	ler	(NY)		
Well No is loca	ted 550 ft. from	$\begin{bmatrix} \mathbf{N} \\ \mathbf{x} \end{bmatrix}$ line and	660 ft. from $\left\{ \begin{array}{c} \mathbf{E} \\ \mathbf{w} \end{array} \right\}$ line of sec.	B
NE/A Section 8	7145	2998	***	
(½ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	
(Field)	San Juan	or Subdivision)	Utah	
(Field)	(County	or Subdivision)	(State or Territory)	
The elevation of the derrick	s floor above sea le	vel is <b>5498</b> ft.		
	DETA	ILS OF WORK		
State names of and expected depths to	o objective sands; show siz ing points, and all c	es, weights, and lengths other important propose	of proposed casings; indicate mudding jo d work)	bs, cement-
The subject well and the well pluseasurements are	isked with co	'lly abandon ment in the	ed. Casing will be following intervals	pull <b>e</b> d 3. All
	6150° - 63	50* 25	sacks regular	
	*approx. 52		sacks regular	
	33501 35		sacks regular	
	1050' - 12		secks regular	
	01 -		sacks regular	
	*Plug will t		pipe is shot off.	

A monument will be set at the surface in accordance with prescribed regulations, and location cleaned.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company	Continental Oil Company	
Address	Box 3312	ORIGINAL SIGNED H. D. HALEY
<del></del>	Ourango, Colorado	By BY See Style
<u></u>		Title District Superintendent

Utah Oil & Has Dev. Com. It was necessary that the attacked Sundry Notice be re-submittel to the U.S. G.S. office in Durango, Colorado. This Intention to absorbon our Federal Müller 16-1 week superceden our report of September 22, 1960. Um. a. Sutterfuel



Land Office Salt Lake

	367703-A
Lease No.	W

## UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

## SUNDRY NOTICES AND REPORTS ON WELLS

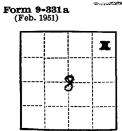
		71112	- CIC	10 01	W ELLS	
NOTICE OF INTENTION TO DRILL		s	UBSEQUENT REPOR	RT OF WATER	SHUT-OFF	
NOTICE OF INTENTION TO CHANGE	PLANS	s	UBSEQUENT REPOR	RT OF SHOOT	ING OR ACIDIZING	
NOTICE OF INTENTION TO TEST W	ATER SHUT-OFF	s	UBSEQUENT REPOR	RT OF ALTERI	NG CASING	
NOTICE OF INTENTION TO RE-DRIL	L OR REPAIR WELL	s	UBSEQUENT REPOR	RT OF RE-DRI	LLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT	OR ACIDIZE	s	UBSEQUENT REPOF	RT OF ABAND	ONMENT	
NOTICE OF INTENTION TO PULL OF	R ALTER CASING	s	UPPLEMENTARY W	ELL HISTORY	~	
NOTICE OF INTENTION TO ABANDO	N WELL	X		·		
(INDIC	CATE ABOVE BY CHECK	MARK NATUR	E OF REPORT, NOTI	CE, OR OTHER	R DATA)	
				ictobe	- 4	, 19.60
Well No is local	ated 660 ft. f	-			(masser )	c. <u>§</u>
Section 5 (1/2 Sec. and Sec. No.)	T383 (Twp.)	(Range)	25	(Meridian)	4	
(Field)						
(Field)	(Co	unty or Subdi	ision)	<del> </del>	(State or Territory)	
State names of and expected depths  The subject well ; and the well pluz, measurements are	is temporar	illy ab	andoned.	work) Casil	na will be t	milled
	6 <b>150</b> * -	63501	25	sacks	regular	
\$	*Approx	30001	60	sacks	regular	
,	*approx	23501	60	sacks	regular	
•	1050* -	1200			regular	
	<b>0</b> •	35*			regular	
d	*Plug will	be set	where p	ipe is	shot off.	
A monument will be regulations and mand we	e set at th	e surf	ace in a	eords:	ice with nre	SCribe
Company <b>Contin</b>	ental Cil C	саралу	·		***************************************	*
Address 33	12				VAL DIGNED HALEY	NAME OF THE OWNER O
Durang	o. Colorado	<u>r</u>	Ву	<i>H</i> .	1 als	
			Бу	BY	m. a. viii	Kefish





Land Office Salt Lake

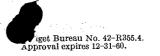
Lease No. 067703-A



## UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

SUNDRY	Y NOTICES AN	D REPORT	S ON WELLS	
NOTICE OF INTENTION TO DRILL.  NOTICE OF INTENTION TO CHANG  NOTICE OF INTENTION TO TEST V  NOTICE OF INTENTION TO RE-DRI  NOTICE OF INTENTION TO SHOOT  NOTICE OF INTENTION TO PULL O	E PLANS  VATER SHUT-OFF  LL OR REPAIR WELL  OR ACIDIZE  OR ALTER CASING	SUBSEQUENT REPORT SUBSEQUENT REPORT SUBSEQUENT REPORT SUBSEQUENT REPORT	OF WATER SHUT-OFF	
(IND	ICATE ABOVE BY CHECK MARK NAT	URE OF REPORT, NOTIC	E, OR OTHER DATA)	
Federal Mil Well No is location	lan		er 19 $race{\mathbb{E}}{\mathbb{Y}}$ line of	
NE/4 Section 8 (4 Sec. and Sec. No.)	T38S R2	SE SĮ	leridian)	2
Wildcat (Field)	- San Junity or Sub	odivision)		
(State names of and expected depthugged and abandor) 25	ing points, and all other	important proposed w	ork)	
60 70 20	- sacks regular - sacks regular - sacks regular - sacks regular	cement from cement	3000° n 2150° to 2350 n 1050° to 1200 n 0 to 35°, sur	r tace pl
t and recovered 2 saned and dry hol	e marker erected	4# casing.	The location	has bee
I understand that this plan of w	ork must receive approval in writi	ng by the Geological S	urvey before operations may be	commenced.
CompanyContine	ntal Oil Company	<b></b>		
Address Box 331			ogrami) Signed By	
Durango	,Colorado	Ву	E. D. HALEY	
			)istrict Superi	



U. S. LAND OFFICES	alt Lake
SERIAL NUMBER 067	703
LEASE OR PERMIT TO PR	OSPECT

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

	LOC	ATE WEL	L CORREC	TLY	<del></del> -										
	Compa	CompanyContinental_Oil_Co							AddressBox_1121, Durango, Colorado						
	Lessor or Tract														
	Well No. 1 Sec. 8 T. 38S R. 22EMeridian SLBM County San Juan														
	Location 660 ft. of N Line and 660ft. of Elevation 5198 DF														
The information given herewith is a complete and correct record of the well and all work do so far as can be determined from all available records.  Signed															
	Date	12-2-	-60								Title_As:	st. Di	v. Geo	logist	
	$\mathbf{T}$	ne summ	ary on thi	s pag	ge is for t	he cond	itio	n of the	well	at al	bove date.				
	Comm	enced dr	illing	11-	27	,	19_	<b>57</b> . Fi	inishe	d dr	rilling	2-6		, 19 <b>-58</b>	}-
					OI	LOR	GAS	SAND	S OF	R Z	ONES				
	**					-1 -1	-	note gas b		C		4			
	•		296.5		_						l				
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	No. 3,	from							•			bi	0		
	at .	e			_			T WAT			NDS	t	n		
									•		l				
	No. 2,	irom			. to			IN	•			0	0		
							A31					Perfo	rated		=
	Size casing	Weight per foot	inch	Threads per inch		Amou	nt —	nt Kind of shoe		oe Cut and pulled from		From-	То-	Purpose	_
LO	3/4	40.5#			1124 J-55 1520 J-55 4986		<u> </u>	elibu	liburtor					Surf. Cs	Csg.
	5	-17# 	API L	ong	J-55 J-55	1520 1.086	·					<del>6294</del>	6324	Prod.	Csg.
	72			Ox18	-6-55	4,00							-	1100	,VSB.
													_		
			-		MUDD	!					RECORD	<del></del>	<u> </u>	<u>'</u>	
Size casing Where set Number sacks of cement Method used Mud gravity Amount of mud used									ud used						
10	3/4	1124	6	30	sex		H	alibu	rtor	2					
	51	6506	) <mark>3</mark>	90			-Hali								
		<u> </u>				PI.II		AND AI	DAPT	ER	<u></u>				
	Heavir	ıg plug—	Material	<b>-</b>			_					Depth set	; 		- <b>-</b>
-	Adapters—Material Size														
						SHO	roo	ring R	ECO	RD					=
	Size	s	hell used		Explosive us	sed	Q	Quantity Date Depth shot Depth cleaned out							
	1/21	" RLI Jets Jet				14	h/ft 3-6-58 6294-6				324 6471				

### MUDDING AND CEMENTING RECORD

OLD MARK

Size casing Amount of mud used Number sacks of cement Method used Mud gravity Where set -630 sax Haliburton 10-3/4 112h----- 300 sex Haliburton 650**6**----PLUGS AND ADAPTERS Heaving plug-Material Length Depth set Size \_\_\_\_\_ Adapters-Material SHOOTING RECORD Depth shot Depth cleaned out Shell used Explosive used Quantity Date Size 1/2" 4/ft 3-6-58 6294-6324 6471 BaJ Jets Jet 2 3-8-58 6300-6304 6471 3/4 Bullet (Bear Welex Bullet Gun) TOOLS USED Rotary tools were used from Surface feet to 6510 feet, and from \_\_\_\_\_\_feet to \_\_\_\_\_feet Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet DATES Put to producing Dent 10-19- 1940 \_\_\_\_\_, 19\_\_\_\_ The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% Gravity, °Bé. emulsion; ----% water; and ----% sediment. Rock pressure, lbs. per sq. in. **EMPLOYEES** Joe Yowell , Driller W. W. Lang Driller E. O. King Driller Ray Sinkbeil Supervisor FORMATION RECORD FROM-TO-TOTAL FEET FORMATION 745 253 2250 2995 Chinle 2995 Shinarump 321.8 1991 Cutler 856 Hermosa Paradox Paradox Salt

### HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

<u>3-6-58.</u> Ferf. 6294-6324 w/4 jets/ft. Acidized w/750 gal. MCA. Max pressure 5000#. Min pressure IR 2.5 bbls/min. Acidized w/2000 gal. reg. acid.

3-7-50. Swabbed hole dry.

3-8-58.

Acidized w/10,000 gals made up as follows:

1000 gals. reg. 15%

8000 gals. retarded acid 1000 gals. regular 15%

Max. press. 5000#, min. press. 3600#. IR 2 1/2 to 7 1/2 bbls/min. Press. dropped to 2600# after 20 min. 2600# after shut in lh hrs.

Opened well at 6:00 A. M. Flowed 10 bols. Swabbed 8:00 A. M. to 6:00 P. M. Recovered 120 bbls. No sold water returns. Swabbed fluid was apparently all new formation oil.

Swabbed 6:00 A.M. to 11:00 A.M. Recovered 26 bbls new oil.

3-11-58. Tubing pressure after 14 hrs. shut in 70%. Swabbed 4 buls. new oil.

11-19-60. P & A as follows:

25 sacks regular cement from 6150' to 6350'

60 sacks regular cement at 3000'

60 sacks regular cenent from 2150' to 2350'

70 sacks regular cement from 1050' to 1200'

20 sacks regular cement from 0 to 35%, surface plug.

dut and recovered 2998' of 5 1/2" 14# casing. The location has been clened and dry hole marker erected.

States